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**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/449,532**

DATE: 12/14/1999
TIME: 04:38:33

INPUT SET: S34211.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

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SEQUENCE LISTING

2
3 (1) General Information:
4 (i) APPLICANT: Sylvie Luria
5 (ii) TITLE OF INVENTION: EXPRESSION SYSTEMS AND METHODS FOR
6 DETECTING AND ISOLATING POLYPEPTIDES
7 REGULATING SIGNAL TRANSDUCTION
8 PATHWAYS
9 (iii) NUMBER OF SEQUENCES: 16
10 (iv) CORRESPONDENCE ADDRESS:
11 (A) ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
12 (B) STREET: 2001 Jefferson Davis Highway, Suite 207
13 (C) CITY: Arlington
14 (D) STATE: Virginia
15 (E) COUNTRY: United States of America
16 (F) ZIP: 22202
17 (v) COMPUTER READABLE FORM:
18 (A) MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
19 (B) COMPUTER: Twinhead* Slimnote-890TX
20 (C) OPERATING SYSTEM: MS DOS version 6.2,
21 Windows version 3.11
22 (D) SOFTWARE: Word for Windows version 2.0 converted to
23 an ASCII file
24 (vi) CURRENT APPLICATION DATA:
25 (A) APPLICATION NUMBER:
26 (B) FILING DATE:
27 (C) CLASSIFICATION:
28 (vii) PRIOR APPLICATION DATA:
29 (A) APPLICATION NUMBER:
30 (B) FILING DATE:
31 (viii) ATTORNEY/AGENT INFORMATION:
32 (A) NAME: Friedmann, Mark M.
33 (B) REGISTRATION NUMBER: 33,883
34 (C) REFERENCE/DOCKET NUMBER: 916/13
35 (ix) TELECOMMUNICATION INFORMATION:
36 (A) TELEPHONE: 972-3-5625553
37 (B) TELEFAX: 972-3-5625554
38 (C) TELEX:
39 (2) INFORMATION FOR SEQ ID NO:1:
40 (i) SEQUENCE CHARACTERISTICS:
41 (A) LENGTH: 29
42 (B) TYPE: nucleic acid
43 (C) STRANDEDNESS: single
44 (D) TOPOLOGY: linear
45 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

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47 CTGTGCCCTC ACTCCCCCTGG ATCCCTGGG 29
48
49 (2) INFORMATION FOR SEQ ID NO:2:
50 (i) SEQUENCE CHARACTERISTICS:
51 (A) LENGTH:30
52 (B) TYPE:nucleic acid
53 (C) STRANDEDNESS:double
54 (D) TOPOLOGY:linear
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
56 GGTTTCGGAG GGCGCGACCG GGGCCGGCGC 30
57
58 (2) INFORMATION FOR SEQ ID NO:3:
59 (i) SEQUENCE CHARACTERISTICS:
60 (A) LENGTH:26
61 (B) TYPE:nucleic acid
62 (C) STRANDEDNESS:single
63 (D) TOPOLOGY:linear
64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
65 GGGCTGAAGC CCTGGACTCA GTACGC 26
66
67 (2) INFORMATION FOR SEQ ID NO:4:
68 (i) SEQUENCE CHARACTERISTICS:
69 (A) LENGTH:27
70 (B) TYPE:nucleic acid
71 (C) STRANDEDNESS:single
72 (D) TOPOLOGY:linear
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
74 GATCCACTGA GGTACAGGAG GCTTGTG 27
75
76 (2) INFORMATION FOR SEQ ID NO:5:
77 (i) SEQUENCE CHARACTERISTICS:
78 (A) LENGTH:28
79 (B) TYPE:nucleic acid
80 (C) STRANDEDNESS:single
81 (D) TOPOLOGY:linear
82 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
83 CTCTGCTAAG CTTTGGTGGT GGCGGTGG 28
84
85 (2) INFORMATION FOR SEQ ID NO:6:
86 (i) SEQUENCE CHARACTERISTICS:
87 (A) LENGTH:27
88 (B) TYPE:nucleic acid
89 (C) STRANDEDNESS:single
90 (D) TOPOLOGY:linear
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
92 GGATGCATCG TACCATCTAC TGATGAG 27
93
94 (2) INFORMATION FOR SEQ ID NO:7:
95 (i) SEQUENCE CHARACTERISTICS:
96 (A) LENGTH:28
97 (B) TYPE:nucleic acid
98 (C) STRANDEDNESS:single
99 (D) TOPOLOGY:linear

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100 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
101 GTCTCGGGGT GGCAATGGCC ACCGCTGC 28
102
103 (2) INFORMATION FOR SEQ ID NO:8:
104 (i) SEQUENCE CHARACTERISTICS:
105 (A) LENGTH:26
106 (B) TYPE:nucleic acid
107 (C) STRANDEDNESS:single
108 (D) TOPOLOGY:linear
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
110 GAGCGGGTGG GCACGAAGGC GGAGTG 26
111
112 (2) INFORMATION FOR SEQ ID NO:9:
113 (i) SEQUENCE CHARACTERISTICS:
114 (A) LENGTH:27
115 (B) TYPE:nucleic acid
116 (C) STRANDEDNESS:single
117 (D) TOPOLOGY:linear
118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
119 GACACGGTGG TGGGCACATC AGCTCAC 27
120
121 (2) INFORMATION FOR SEQ ID NO:10:
122 (i) SEQUENCE CHARACTERISTICS:
123 (A) LENGTH:30
124 (B) TYPE:nucleic acid
125 (C) STRANDEDNESS:single
126 (D) TOPOLOGY:linear
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
128 GCAGCAGCCC TTGCTGCACC CTCCAGAGCC 30
129
130 (2) INFORMATION FOR SEQ ID NO:11:
131 (i) SEQUENCE CHARACTERISTICS:
132 (A) LENGTH:30
133 (B) TYPE:nucleic acid
134 (C) STRANDEDNESS:single
135 (D) TOPOLOGY:linear
136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
137 CTCTGGGAGC TGGCTGGAGC TGGGATGGAC 30
138
139 (2) INFORMATION FOR SEQ ID NO:12:
140 (i) SEQUENCE CHARACTERISTICS:
141 (A) LENGTH:27
142 (B) TYPE:nucleic acid
143 (C) STRANDEDNESS:single
144 (D) TOPOLOGY:linear
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
146 GGTGGAGCTG CTCTCACCGC TGCCAG 27
147
148 (2) INFORMATION FOR SEQ ID NO:13:
149 (i) SEQUENCE CHARACTERISTICS:
150 (A) LENGTH:25
151 (B) TYPE:nucleic acid
152 (C) STRANDEDNESS:single

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153 (D) TOPOLOGY:linear
154 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
155 CGGTAGGCGT GTACGGTGGG AGGTC 25
156
157 (2) INFORMATION FOR SEQ ID NO:14:
158 (i) SEQUENCE CHARACTERISTICS:
159 (A) LENGTH:28
160 (B) TYPE:nucleic acid
161 (C) STRANDEDNESS:single
162 (D) TOPOLOGY:linear
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
164 CTCTCCACTG ACAGAGAACT TGTGGCCG 28
165
166 (2) INFORMATION FOR SEQ ID NO:15:
167 (i) SEQUENCE CHARACTERISTICS:
168 (A) LENGTH:26
169 (B) TYPE:nucleic acid
170 (C) STRANDEDNESS:single
171 (D) TOPOLOGY:linear
172 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:
173 CAGCTGCTGG GATTACACAT GGCATG 26
174
175 (2) INFORMATION FOR SEQ ID NO:16:
176 (i) SEQUENCE CHARACTERISTICS:
177 (A) LENGTH:26
178 (B) TYPE:nucleic acid
179 (C) STRANDEDNESS:single
180 (D) TOPOLOGY:linear
181 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:
182 GTCGAGGCTG ATCAGCGAGC TCTAGC 26
183

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**SEQUENCE VERIFICATION REPORT
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Original Text